

Claims

1. A conveying chain guide disposed in a transfer position just before a conveying chain, in which a number of rollers were sequentially pivot-connected to each other at given chain pitches and said conveying chain was traveled on a linear rail for supporting a conveying surface at a fixed speed, is meshed with a driving sprocket, which is rotated at a fixed speed, and including a guide track to cancel an change in the speed generated in the rollers of said conveying chain, which performs a polygonal motion at a meshing position just after said conveying roller chain was meshed with said driving sprocket, characterized in that

when continuous three rollers in the conveying chain is to be meshed with the sprocket while gradually descending from the linear rail for supporting the conveying surface toward said driving sprocket, in such an arrangement traveling state that always corresponds to a linear rail for supporting the conveying surface, a transfer position and a meshing position, said guide track is defined along an movement passage of the roller in said transfer position.

2. A conveying chain guide according to claim 1, characterized in that said guide track has continuous two arc-shaped curves.